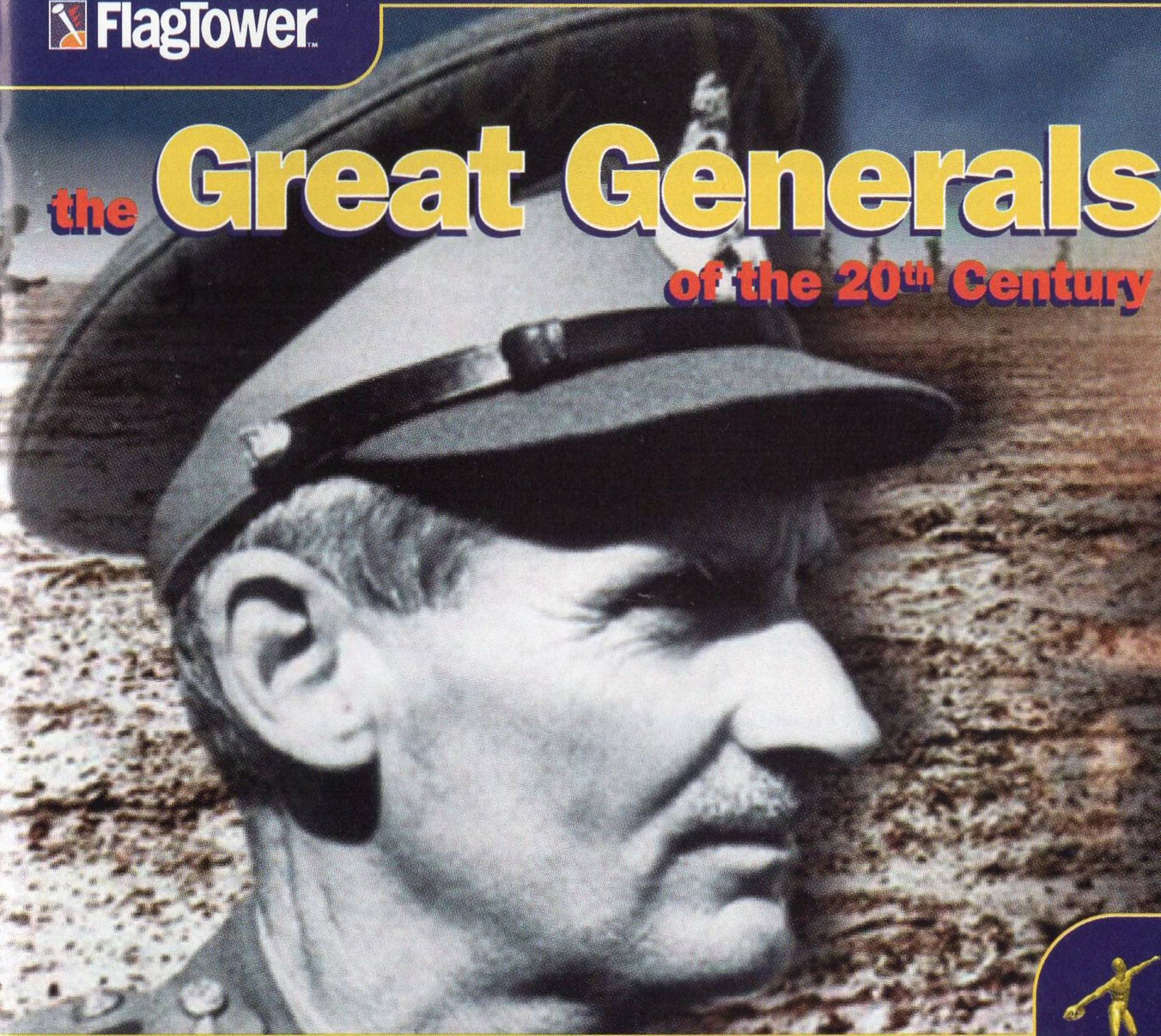
FlagTower™

the Great Generals of the 20th Century



Award Winning Interactive Documentaries for All the Family

Multimedia Developer of the Year
CD-ROM MAGAZINE

FlagTower™ User Manual

THE GREAT GENERALS OF THE TWENTIETH CENTURY

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The Interactive Documentary

FlagTower's programmes are a finely structured blend of information and entertainment, that do much more than simply provide bare facts and figures. You are drawn into each title by a strong narrative thread that tells the story, using sound, pictures, video, music and animation.

You can either watch the story unfold like a television documentary, or interact with the programme and investigate individual elements in more depth. You can also print individual pages of text and pictures to study facets of the story in more detail.

FlagTower has named this concept the Interactive Documentary, a title which reflects the televisual appeal of our style of production.

THREE THINGS SIGNIFY A FLAGTOWER TITLE:

AUTHORITY - We work with subject matter experts who are world authorities to bring you definitive information in a useable form. This becomes the foundation stone from which we construct a multimedia programme.

CONTENT - We go to great lengths to source rarely seen film clips, photographs and speeches from around the world. Our research has taken us to the United States, Russia, Japan and Europe to bring a refreshing new view of well-told stories.

ENJOYMENT - While we use technology to bring you a wealth of information, we want our products to entertain and inform, and be referred to time and time again.

Programme Consultant

Dr. John Pimlott is the Head of the Department of War Studies at the Royal Military Academy, Sandhurst, England, one of the most renowned military colleges in the world. His department is responsible for studying military history, and teaching it to British Army officers of all ranks.

He is a professional historian and writer, and acted as a consultant on the *Chronicle of the Second World War.* Other books include *The Battle of the Bulge; Vietnam – The Decisive Battles; An Atlas of Warfare; Military Quiz Book,* and *Rommel in his Own Words.* He lives in Surrey, England, with his wife and children.

Installation Instructions

1. Make sure Microsoft® Windows® is running.
2. Insert the CD-ROM into the CD-ROM drive.

FOR WINDOWS® 3.1:

1. From the Program Manager, select **File** and then choose **Run**.
2. Type D:\SETUP (where D is the letter of your CD-ROM drive).
3. Click OK, then follow the on-screen instructions.
4. To run the title, select the Great Generals icon from the FlagTower Group.

FOR WINDOWS® '95:

1. Run Windows Explorer. To do this press the **Start** button on the Taskbar, highlight Programs, then select Windows Explorer.
2. In the All Folders window on the left, select the CD-ROM icon under My Computer, then from the right-hand window double-click on the application named **Setup**. Follow the on-screen instructions.
3. To run the title, press the **Start** button on the Taskbar, highlight Programs, then highlight FlagTower. Then click on Great Generals.

RECOMMENDED SYSTEM

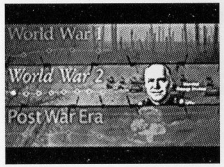
- A multimedia PC or compatible, with a 486 DX 50 (or higher) processor with 8MB of memory. At least 500K of base memory should be free. You also need 8MB of available hard disc space and at least a 256-colour display. For best results the system should be run in 256-colour mode.
- Dual speed CD-ROM drive.
- Microsoft® Windows® version 3.1 or later.
- Mouse.
- Sound card (16-bit SoundBlaster compatible).
- Headphones or speakers.

Using the Programme

The nature of warfare has changed more dramatically in the 20th century than in any other period in history. Generals of all nations have had to grapple with new and continually changing problems of environment, technology, tactics and politics. This programme presents 15 of the greatest fighting generals of the century, and shows how they solved the challenges that surrounded them.

Double-click the Great Generals icon and the programme begins. From now on, a single mouse click operates all icons within the programme. You will be given an opportunity to set the audio volume level before the title starts to play. It begins with a narrated Orientation sequence which explains the screens, navigation icons and controls used in the programme. This is followed by a short Introduction, which ends at the Main Menu.

Click the mouse at any time during the Orientation or Introduction to go to the Main Menu.



Main Menu

The Main Menu gives you a number of choices. You can view one of the three eras in its entirety by highlighting the era title and clicking on it. You will then see the full story of that era, including the stories of each of the featured generals in turn. Alternatively you can select any one of the 15 featured generals by rolling the cursor over the small white circles shown beneath the era titles. As you do so, the name and a portrait of the individual general will appear. Simply click on the desired circle to see the story of that particular general.

THE ERAS AND GENERALS ARE:

World War 1: Haig, Hindenburg, Foch, Allenby.
World War 2: Guderian, Rommel, Montgomery, Zhukov, Eisenhower, Patton, MacArthur, Slim.
Post-War Era: Giap, Sharon, Schwarzkopf.

Introduction
This icon appears at the top of the screen while you are in the Main Menu. Clicking on it will take you to the programme Introduction.

Access to Themes Menu
This icon will appear in the top left of the screen while you are in the Main Menu. Clicking on it takes you to the Themes Menu.

THEMES MENU
There are four thematic narratives available from this menu. These are selected by rolling the cursor over any one of the separate four areas on the menu and clicking when it highlights. The Themes are: Lives of the Generals, Generals under Pressure, Generals in Combat, Generals and the Media.

Controlling the Narratives

Whether you are viewing an era, a featured general, or a theme, you can either watch the complete narrative unfold or move about at will to see the segments you want. You can also return to the Main Menu at any time from within any part of the narrative.

Main Menu
Returns to the Main Menu.

Pause/Play
Pause enables you to halt the narrative to consider information or pictures, or to select supplementary sequences. Play restarts the narrative.

Pathfinder
Indicates the number of sections within the chapter you are viewing. It also highlights the segment being played. Roll the cursor over the Pathfinder image to see the titles of all sections within the chapter, and click on any segment to begin play at that position. When you are viewing a complete era, there will be cross-shaped medals at each end of the Pathfinder (with orange-coloured text) which enable you to jump forward to the next or backward to the previous chapter in the story.

TEXT LINKS
Occasionally you will see the title of a narrative enclosed in a grey box. Clicking on this text takes you directly to a broadcast factsheet relevant to the individual general.

Supplementary Information

Whenever there is supplementary information, icons will appear in the lower panel of the screen. These give access to extra audio-visual narrative sequences, audio recordings, or text and picture factsheets. Text and pictures can be printed for later use. Once viewed, these icons change to a grey colour for the rest of the viewing session. When an item is especially relevant to the narrative, the icon will flash and the original colour will be restored. Clicking on the icon takes you directly to that factsheet, but the others will still be available by using the tabs below the image area.

Resumé: A short narrative summarising the general's career. From this narrative you can also access the following factsheets:

Profile: Biographical details of the general's life.

Battle Experience: Military achievements and experience.

Public Face: How the general dealt with the media and the outside world.

Pressures: How he coped with the military, personal and political pressures of command.

When you are viewing the main narratives, the following icons appear when the Theme narratives are particularly relevant. Clicking on them will take you to a short segment of that Theme.

Theme - Pressures

Theme - Experience

Theme - Lives

Theme - Media

Factsheets

The following icons can appear at various points in the programme and when clicked, take you to supplementary factsheets containing extra information.

Technology: Details of key military equipment relevant to the development of warfare and to the story of that particular general.

On the Battlefield: Narrated personal accounts from the soldier's point of view.

Battle Visuals: Graphic explanations of some significant operations or battle tactics.

Dispatches: Factsheets covering key stories relevant to the main narrative.

Personalities: Other military figures and politicians important to the story.

Broadcasts: This plays a short audio recording of a relevant news report or speech. Occasionally this icon will give access to more than one broadcast.

Controlling Supplementary Sections

Print Text and Image
If your PC is connected to a printer, you can click on this icon to print the factsheet screen you are currently viewing.

WARNING! This CD-ROM contains copyright material licenced from various sources. Use of the printing out facility must be solely for your own personal research purposes.

Return
Select this icon to move back to the main narrative or subsidiary narrative at the point you left.

Page Tab
When you are viewing supplementary factsheets, you will see a number of small tab icons at the bottom of the image area. These either represent different pages within the same factsheet, or other factsheets grouped in the same section. Where there is more than one factsheet available, you can move to different pages of the same factsheet by clicking on the tab marked **Next** or **Previous**. When a page or factsheet has been seen, the tab changes colour to grey for the rest of the viewing session.

The Control Panel and Index

Access to Control Panel: Clicking on this icon gives you access to the Control Panel, which provides several important facilities, listed below. To remove the Control Panel once selected, just move the cursor to another part of the screen.

Control Panel Options

Control Panel

INDEX: The Index enables access to specific items of interest, listed by topic.

HELP: This takes you to a series of screens which explain the control and navigation icons, and how the index works. You can also choose to view the Orientation sequence from here.

VOLUME: The overall volume of voice-over and background sound can be adjusted. The relative balance between the two will remain the same, and the maximum setting is equal to the setting within your Windows Control Panel.

HISTORY: This provides a listing of the pathway that you have followed during the current viewing session.

QUIT: When you quit the programme, your current position will be automatically saved. At the next viewing, you will be given the option of rejoining the program at your saved position or beginning the title again from the Orientation.

Index

The index enables you to view any item in the programme, and to research specific areas of interest. There are five groupings, within which relevant items are listed. Clicking on an individual entry in this list will take you either to the single item chosen or to a more detailed list. An Index Help icon (in the form of a question mark) takes you to a screen which explains the operation and organisation of the index. The five groupings are:

CONTENTS: A listing of the main elements of the programme, era by era.

PERSONALITIES: A list of the individuals covered in the programme.

KEY EVENTS: A chronological listing of major military and political events mentioned in the programme, listed by era.

TECHNOLOGY: Fighting vehicles, aircraft and equipment.

A-Z: Every item in the programme, listed alphabetically. You select a letter from the A-Z grid to give you the listing for that letter.

INDEX HELP: The question mark icon is always available to take you to the Index Help screen.

Technical Troubleshooting

To assist you we have broken down the problems you may encounter into the categories listed below: (For the latest troubleshooting information, refer to the README file installed with the title.)

CD-ROM PERFORMANCE PROBLEMS

VIDEO DISPLAY PROBLEMS

AUDIO PROBLEMS

MEMORY PROBLEMS

PRINTING PROBLEMS

SCREEN SAVER PROBLEMS

CD-ROM performance problems

GENERAL NOTE: To avoid damage to the CD-ROM, do not remove it from your CD-ROM drive while it is in use (usually indicated by a flashing light on the CD-ROM drive).

You might be able to enhance CD-ROM performance in a number of ways:

1. Increase the amount of buffer memory that your CD-ROM driver software uses. Most computers communicate with the CD-ROM drive through the Microsoft MSCDEX driver. Such systems can sometimes be accelerated by adding /M:16 to the MSCDEX entry in your AUTOEXEC.BAT file.

2. Ensure that you are using the latest video driver for your video board. Contact your video board manufacturer for more information. You might also be able to get updated drivers from CompuServe in either the Microsoft forum or in a forum managed by your video board manufacturer.

3. Performance might be improved by running Windows in 640 by 480 resolution if you are currently using a higher resolution.

4. It is essential that SMARTDRV is running and the CD-ROM caching is switched off. See your Windows documentation for more details.

Video display problems

1. Ensure that CD-ROM caching has been disabled for SMARTDRV. This can be achieved by ensuring the /U is included in the SMARTDRV command. We also recommend that the Initial Cache size and the Windows Cache are both set to 512 in the same command line. For further details please refer to your Windows documentation.

2. If the image on the screen corrupts and then the machine locks (i.e. does not respond to key presses or mouse clicks), it is possible that you have a screen saver which is not responding to messages from the FlagTower application. Reboot your machine and switch the screen saver off.

Audio problems

This application requires that a 16-bit SoundBlaster-compatible sound board is installed. It will not function with software that uses the computer's internal speaker to generate sound (such as PC Speaker). Such software will usually not play any sounds but could cause your system to crash. If you are experiencing audio problems:

1. Make sure that the volume for your speakers is set to an audible level.

2. Check to see that the audio driver that came with your sound board is installed correctly and, if necessary, reinstall it. See the documentation that came with your sound board for more details.

Memory problems

This title demands a minimum of 8MB of memory to function efficiently. Performance will be degraded if your system does not have enough free memory. If you receive out-of-memory errors, you probably do not have enough free memory. The first thing you should do is close all unnecessary applications. If this doesn't work, you can try the following:

IN DOS

1. Remove any unwanted TSRs from your AUTOEXEC.BAT and/or your CONFIG.SYS files.

2. Run MEMMAKER.

3. Ensure that MSCDEX is loaded before SMARTDRV and that the MSCDEX command line has the parameter /M:16.

4. Running a defrag utility on your hard disk may also improve performance.

IN WINDOWS

5. Allocate approximately 20MB to a permanent swap file.

6. Ensure that 32-bit disk access is On.

7. Ensure that 32-bit file access is Off.

8. Ensure that the virtual memory size is 128K.

Printing problems

This program uses Windows Print Manager to control printing. If you have any problems, you need to go to Print Manager and check the print settings. See your Windows documentation for more information.

Screen saver problems

When this title runs it will attempt to disable any screen savers that might be running. There are certain screen savers that ignore the disable message and will activate after a pre-set time interval. This will interrupt the smooth running of the title and may result in distorted screen images or the programme ceasing to respond to the mouse. To remedy this, disable the screen saver before running the title.

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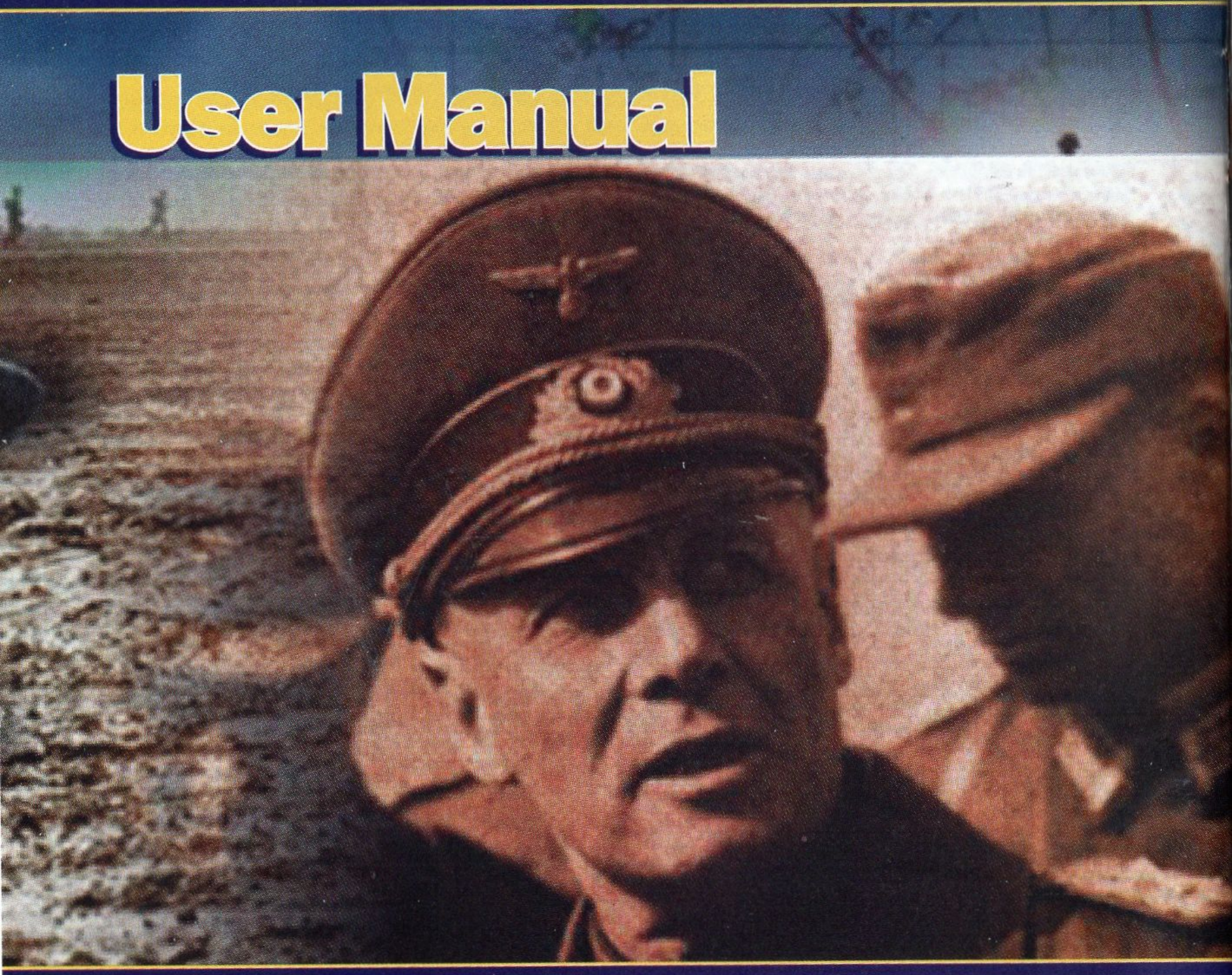
User Manual



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